

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	104	(acharya-arun arman-bayram fitzgerald-richard volk-james royal-john hamilton-al-khalique).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/01 08:25
L2	55	(acharya-arun-\$ arman-bayram-\$ fitzgerald-richard-\$ volk-james-\$ royal-john-\$ hamilton-al-khalique-\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/01 08:24
L3	2	(acharya-arun arman-bayram fitzgerald-richard volk-james royal-john hamilton-al-khalique).in. and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/01 08:26
L4	6	praxair.as. and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 08:28
L5	18	("5129232" "5363077" "6374617" "6378312" "6578364" "6604363" "6640553" "6644038").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 08:29
L6	1	("6578364").URPN.	USPAT	OR	OFF	2005/03/01 08:59
L7	10	("4114380" "4355517" "5953920" "6032464" "6164073" "6314740" "6560970" "6564552" "6578364" "6644028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 08:59
L8	13	("4114380" "4355517" "4398398" "4489553" "4858441" "4953366" "5139242" "5146123" "5303555" "5389844" "5813234" "5996345" "6353987").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 09:02
L9	47	62/6.ccls. and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:08
L10	126	(cryocooler "pulse tube") and ("frequency modulating" resonator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 11:01

L11	10	(cryocooler "pulse tube") and ("mechanical resonator")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:41
L12	11	"mechanical resonator" and "frequency modulating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:44
L13	18	"frequency modulating" and (cryocooler refrigerator "pulse tube" "pulse pipe")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:43
L14	249	"mechanical resonator".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:33
L15	2	"mechanical resonator".ti. and (cryocooler "pulse tube" refrigerator "pulse pipe" cryogenic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:50
L16	32	"mechanical resonator" and (cryocooler "pulse tube" refrigerator "pulse pipe" cryogenic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 09:56
L17	1	("6578364").URPN.	USPAT	OR	OFF	2005/03/01 10:19
L18	3565	(62/6.ccls. "cryocooler" "pulse tube" "pulse pipe" refrigerator) and (dampen filter) and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:35
L19	683	(62/6.ccls. "cryocooler" "pulse tube" "pulse pipe") and (dampen filter) and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:35
L20	1216	(62/6.ccls. "cryocooler" "pulse tube" "pulse pipe" refrigerator) and ((dampen filter) same frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:36
L21	804	(62/6.ccls. "cryocooler" "pulse tube" "pulse pipe" refrigerator) and ((dampen filter) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:36

L22	377	(62/6.ccls. "cryocooler" "pulse tube" "pulse pipe") and ((dampen filter) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:37
L23	20	(62/6.ccls.) and ((dampen filter) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 10:37
L24	5	("5582013").URPN.	USPAT	OR	OFF	2005/03/01 10:45
L25	13	("5813235").URPN.	USPAT	OR	OFF	2005/03/01 10:58
L26	459	(cryocooler "pulse tube" "pulse pipe") and ((resonat\$3 resonan\$3) same (frequency filter damp\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 11:04
L27	384	(cryocooler "pulse tube" "pulse pipe") and ((resonat\$3 resonan\$3) with (frequency filter damp\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 11:09
L28	1349	(cryocooler cryogenic) and ((resonat\$3 resonan\$3) with (frequency filter damp\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 11:10
L29	136	(cryocooler) and ((resonat\$3 resonan\$3) with (frequency filter damp\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 11:53

L30	100	("5275002" H001866 "4953366" "5457956" "5535593" "5749226" "5941079" "6141971" "6397605" "5450521" "5901556" "5996345" "5761228" "5793210" "5521571" "6098409" "5032772" "5582013" "5585772" "5836165" "5864273" "6023420" "6104934" "6256999" "6263215" "6411087" "6427450" "6604363" "5247256" "4757278" "4814728" "5349593" "5446573" "6441860" "5735127" "4281517" "4366676" "4584839" "4606194" "4835979" "4840032" "4852356" "4858442" "4862695" "4979368" "5022229" "5056317" "5293748" "5295355" "5298337").pn. ("5317874" "5419156" "5513498" "5537826" "5701742" "5738705" "5782096" "5867991" "5904046" "5953920" "5966942" "5966936" "6021643" "6076358" "6109041" "6167707" "6205791" "6230498" "6256998" "6318090" "6327862" "6330800" "6347453" "6378312" "6385973" "6389841" "6434947" "6467274" "6629418" "6688113" "6691520" "6732785" "6745822" "6813892" "5734970" "4375621" "4442415" "4963887" "4329664" "4799749" "5016260" "5245345" "5392303" "5404242" "5751193" "5839062" "5867520" "5929442" "6141138" "6163158").pn.	USPAT	OR	ON	2005/03/01 11:53
L31	14	("4114380" "4355517" "4398398" "4489553" "4858441" "4953366" "5139242" "5146123" "5303555" "5389844" "5953920" "5996345" "6079214" "6353987").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 11:57
L32	0	("6434947").URPN.	USPAT	OR	OFF	2005/03/01 12:05
L33	7	("5412952" "5481878" "5689959" "5711157" "5904046" "5974807" "6256998").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 12:05
L34	6	("5904046").URPN.	USPAT	OR	OFF	2005/03/01 12:17
L35	3	("5295355" "5412952" "5720172").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/01 12:40
L36	257	"pulse pipe".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 13:43

L37	1	2004-759856.NRAN.	DERWENT	OR	OFF	2005/03/01 12:54
L38	1	2004-748138.NRAN.	DERWENT	OR	OFF	2005/03/01 12:56
L39	528	"pulse tube".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 13:43
L40	39	"pulse tube".ti. and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 13:59
L41	0	"frequency modulating mechanical resonator"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/01 13:59